

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A plant infected with a modified plant virus, said modified plant virus comprising modified plant viral nucleic acid and expressed plant viral coat protein, said modified plant viral nucleic acid comprising a nucleotide sequence coding for a foreign peptide from an animal virus inserted in plant viral genomic nucleic acid that codes for an expressed native portion of the plant viral coat protein, wherein said plant contains assembled modified plant virus ~~nucleotide sequence coding for a foreign peptide is inserted at a site such that there is no significant interference with the capacity of said modified plant virus to assemble.~~

2-3. (Cancelled)

4. (Previously Presented) The plant of Claim 1, wherein said nucleotide sequence coding for a foreign peptide is from Foot and Mouth disease virus.

5. (Previously Presented) The plant of Claim 1, wherein said nucleotide sequence coding for a foreign peptide is from human immune deficiency virus.

6. (Previously Presented) The plant of Claim 1, wherein said nucleotide sequence coding for a foreign peptide is from human rhinovirus.

7. (Previously Presented) The plant of Claim 1, wherein said modified plant virus is an RNA virus.

8. (Previously Presented) The plant of Claim 1, wherein said modified plant virus is a modified comovirus.

9. (Currently Amended) A method of producing modified plant virus particles, comprising:

- a) providing i) plant material selected from the group consisting of an intact plant, plant tissue, plant cells and protoplasts, ii) a plant virus having a plant viral genome, and iii) a nucleotide sequence coding for a foreign peptide from an animal virus;
- b) introducing said nucleotide sequence coding for a foreign peptide at that part of said plant viral genome that codes for an expressed native portion of the viral coat protein, so as to create modified viral nucleic acid;
- c) infecting said plant material with said modified viral nucleic acid, so as to create an infected plant material; and
- d) harvesting assembled plant virus particles from said infected plant material.

10-11. (Cancelled)

12. (Currently Amended) The assembled plant virus particles of Claim 9, wherein said nucleotide sequence coding for a foreign peptide is from Foot and Mouth disease virus.

13. (Currently Amended) The assembled plant virus particles of Claim 9, wherein said nucleotide sequence coding for a foreign peptide is from human immune deficiency virus.

14. (Currently Amended) The assembled plant virus particles of Claim 9, wherein said nucleotide sequence coding for a foreign peptide is from human rhinovirus.

15. (Currently Amended) The method of Claim 9, wherein said ~~modified~~ plant virus is an RNA virus.

16. (Currently Amended) The method of Claim 9, wherein said ~~modified~~ plant virus is a modified comovirus.